

>>> "Davis, Mike" <MDavis@archcoal.com> 12/8/03 3:08:27 PM >>>

The East Fork of Box Canyon was monitored on 12/01/03 for both flow and subsidence cracks and on 12/03/03 for subsidence cracks. (See attached excel spread sheet, map of area, and pictures)

During the 12/01/03 inspection the shelter looked about the same. No visual evidence that the floor of the upper shelter had collapsed. The stream channel fracture zone found on 11/26/03 located approximately 100 feet below EFB-11 had an approximately 30 foot reach of the stream channel dry. Flow was reestablished in the 30 foot reach by plugging a few small holes in the stream bottom with native stream sediments.

During the 12/03/03 inspection the shelter looked about the same. There is still no visual evidence that the floor of the upper shelter has collapsed. The sandstone beds in the stream channel bottom were observed to have fractured and have buckled up in another location at approximately 200-250 feet below EFB-11. The flow is being temporarily disrupted by flowing beneath the buckled zone and reappears about 30 feet below the site.

Mike

<<East Fork Sites.xls>> <<3LPE WEEKLY MONITORING PDF 11-10-03.pdf>> <<ElusivePeacockCAVEPROF 12-3-03.pdf>> <<eluspcup-low12-3-03labeled.jpg>> <<streamcompzone12-3-03b.JPG>>